Work Order ID 152598

Tuesday, November 01, 2016 1:30:56 PM

152598

Item ID: D2747 **Accept** *N900040100* **Setup Start** *NS1*

Revision ID:

Item Name: Set Screw **Stop** *NS2*

Start Date: 11/3/2016 **Start Qty:** 50.00 *50* **Cust Item ID:**

Required Date: 11/17/2016 **Req'd Qty:** 50.00 *50* **Customer:**

Reference:

Approvals: **Process Plan:** DAS 21 **Date:** NOV 0 1 2016 **Tooling:** _____ **Date:** _____ **Run Start** *NR1*

QC: 9-89 **Date:** _____ **SPC (Y/N):** _____ **Date:** _____ **Stop** *NR2*

Draw Nbr	Revision Nbr
D2747	Rev B

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
100	PURCHASING	0.00				50		NOV 0 2 2016	DAS 13 9-89
100 Purchasing	**Memo**	0.00							
Purchasing	Issue P/O: 34154 3/8"-24 UNF SS Set Screw 7/8" to 1" longPossible Supplie: McMaster CarrP/N:92311A639Material release note required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00				50X		NOV 0 4 2016	DAS 26 9-89
110 Packaging	**Memo**	0.17							
Packaging	Ensure material release note is attached								
120	QC6- Inspect dimensions to drawing	0.00				50			DAS 38 9-89
120 QC	**Memo**	0.00							
Quality Control									NOV 0 7 2016

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date:

Work Order update only ☐

Work Order: _____

Part No. _____

NCR No.

DISPOSITION

Rework	☐
Scrap	☐
Use-as-is	☐
Suspected Unapproved	☐

AGAINST DEPARTMENT/PROCESS

Skid-tube	☐	Cross tube	☐	Water Jet	☐	Engineering	☐
Machining	☐	Small Fab	☐	Prod. Eng. Coor.	☐	Quality	☐
Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐
Large Fab	☐	Composite	☐	Supplier	☐		

Date :

Step #:

QTY Effective :

MRB (QSI042) Approval

Description Work Order Deviation

Disposition

Completed By

Lead hand / Supervisor Approval Verification

QC / QA Coordinator Approval

Root Cause

Environment	☐	☐	No Re-verfication
Design	☐	☐	Operator
Doc/Data	☐	☐	Offset/Setup
Equip/Tooling	☐	☐	Supplier
Handling/Pre	☐	☐	Training
Material	☐	☐	Use for Testing
Internal Transport	☐	☐	Poor Information
Tribal Knowledge	☐	☐	Rushing
LOA	☐	☐	Product Improvement
Substation	☐	☐	Process Improvement
Past Expiry Date	☐	☐	Manufacturing Process
Misidentified	☐	☐	Past Due

FAULT CATEGORY

☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence

☐ OTHER :

Work Order ID 152598

Tuesday, November 01, 2016 1:30:57 PM

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Reference:

Cust Item ID:

Customer:

Run Start *NR1*

Stop *NR2*

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

QC: _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: Stock	0.00				50	NOV 07 2016		DAS 6 9-89
130									
Packaging	**Memo**	0.08							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140						DAS 21 9-89	NOV 07 2016		
QC	**Memo**	0.83							
Quality Control									

DAS 21 9-89 NOV 07 2016

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date:

Work Order update only ☐

Work Order: _____

Part No. _____

NCR No.

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Scrap	☐
Use-as-is	☐
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AGAINST DEPARTMENT/PROCESS

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Machining	☐	Small Fab	☐	Prod. Eng. Coor.	☐	Quality	☐
Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐
Large Fab	☐	Composite	☐	Supplier	☐		

Date :	Step #:	QTY Effective :	MRB (QSI042) Approval

Description Work Order Deviation	Disposition	Completed By
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Equip/Tooling	☐	☐	Supplier
Handling/Pre	☐	☐	Training
Material	☐	☐	Use for Testing
Internal Transport	☐	☐	Poor Information
Tribal Knowledge	☐	☐	Rushing
LOA	☐	☐	Product Improvement
Substation	☐	☐	Process Improvement
Past Expiry Date	☐	☐	Manufacturing Process
Misidentified	☐	☐	Past Due

FAULT CATEGORY

☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong
☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions
☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance
☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect
☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing
☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved
☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing
☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish
☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread
☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence

☐ OTHER :

Picklist Print

Tuesday, November 01, 2016 1:31:01 PM

Work Order ID: 152598 *152598*

Parent Item: D2747 *D2747*

Parent Item Name: Set Screw

Start Date: 11/3/2016 **Required Date:** 11/17/2016

Start Qty: 50.00 **Required Qty:** 50.00

Comments: IPP: B05.08.22ReformatKJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
92311A639 *92311A639* SS SET SCREW		Purchased	No				Each	0.0000	**	50 50x		NOV 04 2016	DAS 26 9-89

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order update only ☐

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Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐
Large Fab	☐	Composite	☐	Supplier	☐		

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Root Cause

Environment	☐	☐	No Re-verfication
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LOA	☐	☐	Product Improvement
Substation	☐	☐	Process Improvement
Past Expiry Date	☐	☐	Manufacturing Process
Misidentified	☐	☐	Past Due

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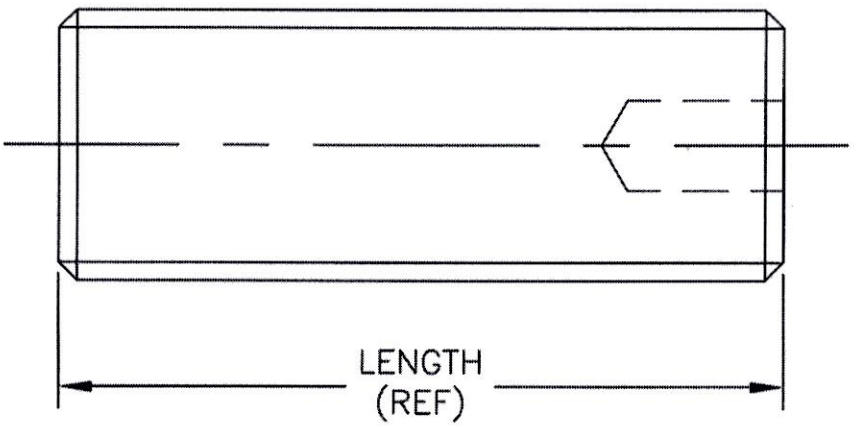
☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence

☐ OTHER :

DESIGN	DRAWN BY	DART AEROSPACE USA, INC. PORT HADLOCK, WA
DS	PH	
CHECKED	APPROVED	DRAWING NO. D2747 — REV. B — SHEET 1 OF 1
DATE 05.03.09		TITLE SET SCREW — SCALE NTS

A	98.08.26	NEW ISSUE
B	05.03.09	REDRAWN, STAINLESS STEEL ONLY

RELEASED 05-08-09



SHOP COPY
RETURN TO
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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 152548 MCJ
6-11-01

D2747 SET SCREW

1) TYPE: HEX SOCKET HEAD SET SCREW
2) MATERIAL: STAINLESS STEEL
3) THREAD: 3/8"–24 UNF
4) LENGTH = 7/8" TO 1"
5) FINISH: NONE
6) ALL DIMENSIONS ARE IN INCHES
7) ALL TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO34154

Purchase Order Date 11/2/2016
PO Print Date 11/3/2016

Order From : VU-MCM001

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED

Contact Name		**Buyer**	Chantal Lavoie
Vendor Phone	330 995 5500	**Customer POID**	
		Customer Tax #	10127-2607
Ship To Contact		**Terms**	Net 10
Ship To Phone		**Currency**	USD
Ship Via:	Purolator ground ppd	**FOB**	FCA – (Free Carrier)
Ship Acct:			

Line Nbr	Reference / Vendor Part Number / Line Comments / Delivery Comments	Description/ Mfg ID	Req Date/ Taxable / Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	92311A529	SS SET SCREW	11/4/2016 Yes 11/4/2016		50.00 Each	$0.66	$33.10
	AS PER DWG D2747 REV. B B152598	DAS 38 9-89	NOV 04 2016		DAS 26 9-89	**Line Total:**	**$33.10**
2	92311A553	Set Screw	11/4/2016 Yes 11/4/2016		50.00 Each	$0.23	$11.65
	AS PER DWG D3533 REV. B B152597					**Line Total:**	**$11.65**

Notes:

McMASTER-CARR®

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: Chantal Lavoie

Purchase Order
PO34154

Order Placed By
Chantal Lavoie

McMaster-Carr Number
2833981-03

11/02/2016

DAS 26 9-89
DAS 38 9-89
NOV 04 2016

Line	Product		Ordered	Shipped
1	92311A639	18-8 Stainless Steel Cup Point Set Screw 3/8"-24 Thread, 1" Long, Packs of 10	5 Packs	5
2	92311A564	18-8 Stainless Steel Cup Point Set Screw 1/4"-28 Thread, 1" Long, Packs of 50	1 Pack	1
3	6605K56	Hook and Loop Cable Ties 24" Overall Length, Meets UL 94V2, Packs of 5	2 Packs	2
4	4756A139	Sanding Sleeve High Performance Multipurpose, 80 Grit, 1" ID, 1-1/2" Long, Packs of 25	4 Packs	4
5	9254T61	Infrared Thermometer Adjustable Emissivity,-58 Degree to 1200 Degree F	1 Each	1
6	6978K777	5mm x 20 mm Glass-Tube Fuse Fast Acting, 125 VAC, 15 Amp, Packs of 5	1 Pack	1
7	6[illegible]6	Self-Adjustment Nylon Cable Tie 13-1/2" Long, 3-1/2" Bundle Diameter, 120 lb. Break Strength, Black, Packs of 10	4 Packs	4
8	3502A3	Heavy Duty Pin-Removal Punch 1/8" Diameter, 1" Pin Length, 4-3/4" Overall Length	1 Each	1
9	3502A5	Heavy Duty Pin-Removal Punch 3/16" Diameter, 1-1/4" Pin Length, 5-1/4" Overall Length	1 Each	1
10	5141K61	Air Filter/Lubricator Zinc Body & Bowl, 1/4 Pipe Size	1 Each	1
11	10815T21	Floating Flashlight 40 Lumens Brightness	3 Each	3
12	6879T48	Disposable Air Horn, Replaces P/N 5688T61 - Diffs Are: Disposable Horn Vs Refillable	3 Each	3
14	5758T21	Fire Equipment Sign 6" x 8" x 4", Plastic, " Fire Extin...", 3-Way View	5 Each	5

Notes about your shipment

The U.S. Department of Transportation regulates the shipping of lines 5, 11 and 12. By purchasing from McMaster-Carr Supply Company, you agree not to transport or permit others to transport purchased items except in accordance with U.S. law and any other applicable laws.